

**Occupational Employment Projections, Year 2002 Projected to Year 2012  
Holmes Community College District**

| Standard Occupational Classification (SOC) |   | 2002<br>Employment | 2012<br>Projected<br>Employment | Projected<br>Employment Growth<br>2002 to 2012 |              | Total<br>Projected<br>Avg. Annual<br>Job Openings |
|--|---|--------------------|---------------------------------|--|--------------|---|
| Code                                       | Occupation  |                    |                                 | Number   | Percent      |   |
| <b>51-0000</b>                             | <b>Production Occupations</b>   | <b>8,480</b>       | <b>9,590</b>                    | <b>1,110</b>                                   | <b>13.1%</b> | <b>315</b>  |
| <b>51-1000</b>                             | <b>Supervisors, Production Workers</b>  | <b>570</b>         | <b>660</b>                      | <b>90</b>                                      | <b>15.8%</b> | <b>20</b>   |
| 51-1011                                    | First-Line Supervisors/Managers of Production and Operating Workers                     | 570                | 660                             | 90   | 15.8%        | 20  |
| <b>51-2000</b>                             | <b>Assemblers and Fabricators</b>   | <b>1,480</b>       | <b>1,600</b>                    | <b>120</b>                                     | <b>8.1%</b>  | <b>50</b>   |
| 51-2021                                    | Coil Winders, Tapers, and Finishers   | 30                 | 30                              | 0  | 0.0%         | 0   |
| 51-2022                                    | Electrical and Electronic Equipment Assemblers  | 50                 | 60                              | 10   | 20.0%        | 0   |
| 51-2031                                    | Engine and Other Machine Assemblers   | 90                 | 100                             | 10   | 11.1%        | 5   |
| 51-2041                                    | Structural Metal Fabricators and Fitters  | 190                | 220                             | 30   | 15.8%        | 5   |
| 51-2091                                    | Fiberglass Laminators and Fabricators   | 10                 | 10                              | 0  | 0.0%         | 0   |
| 51-2092                                    | Team Assemblers   | 1,040              | 1,110                           | 70   | 6.7%         | 35  |
| 51-2099                                    | Misc. Assemblers and Fabricators  | 60                 | 60                              | 0  | 0.0%         | 0   |
| <b>51-3000</b>                             | <b>Food Processing Workers</b>  | <b>1,010</b>       | <b>1,200</b>                    | <b>190</b>                                     | <b>18.8%</b> | <b>40</b>   |
| 51-3011                                    | Bakers  | 60                 | 70                              | 10   | 16.7%        | 0   |
| 51-3021                                    | Butchers and Meat Cutters   | 110                | 110                             | 0  | 0.0%         | 5   |
| 51-3022                                    | Meat, Poultry, and Fish Cutters and Trimmers  | 730                | 880                             | 150  | 20.5%        | 30  |
| 51-3023                                    | Slaughterers and Meat Packers   | 70                 | 80                              | 10   | 14.3%        | 5   |
| 51-3091                                    | Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders             | 20                 | 20                              | 0  | 0.0%         | 0   |
| 51-3099                                    | Misc. Food Processing Workers   | 30                 | 40                              | 10   | 33.3%        | 0   |
| <b>51-4000</b>                             | <b>Metal Workers and Plastic Workers</b>  | <b>1,800</b>       | <b>2,170</b>                    | <b>370</b>                                     | <b>20.6%</b> | <b>85</b>   |
| 51-4011                                    | Computer-Controlled Machine Tool Operators, Metal and Plastic                           | 90                 | 110                             | 20   | 22.2%        | 5   |
| 51-4012                                    | Numerical Tool and Process Control Programmers  | 10                 | 10                              | 0  | 0.0%         | 0   |
| 51-4021                                    | Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic        | 80                 | 90                              | 10   | 12.5%        | 5   |
| 51-4022                                    | Forging Machine Setters, Operators, and Tenders, Metal and Plastic                      | 10                 | 10                              | 0  | 0.0%         | 0   |
| 51-4023                                    | Rolling Machine Setters, Operators, and Tenders, Metal and Plastic                      | 30                 | 40                              | 10   | 33.3%        | 0   |
| 51-4031                                    | Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic | 550                | 630                             | 80   | 14.5%        | 20  |

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| Code                                       | Occupation   |                    |                                 | Number   | Percent     |   |
| 51-4032                                    | Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic        | 40                 | 50                              | 10   | 25.0%       | 0   |
| 51-4033                                    | Grinding, Lapping, Polishing, Buffing Mach. Tool Setters/Opers./Tenders, Metal and Plastic | 40                 | 50                              | 10   | 25.0%       | 0   |
| 51-4034                                    | Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic          | 30                 | 40                              | 10   | 33.3%       | 0   |
| 51-4035                                    | Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic             | 10                 | 10                              | 0  | 0.0%        | 0   |
| 51-4041                                    | Machinists   | 140                | 170                             | 30   | 21.4%       | 5   |
| 51-4062                                    | Patternmakers, Metal and Plastic   | 10                 | 10                              | 0  | 0.0%        | 0   |
| 51-4072                                    | Molding, Coremaking, Casting Machine Setters/ Operators/Tenders, Metal and Plastic         | 60                 | 80                              | 20   | 33.3%       | 5   |
| 51-4081                                    | Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic                   | 100                | 140                             | 40   | 40.0%       | 5   |
| 51-4111                                    | Tool and Die Makers  | 30                 | 30                              | 0  | 0.0%        | 0   |
| 51-4121                                    | Welders, Cutters, Solderers, and Brazers   | 450                | 580                             | 130  | 28.9%       | 25  |
| 51-4122                                    | Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders                    | 30                 | 30                              | 0  | 0.0%        | 0   |
| 51-4191                                    | Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic                 | 10                 | 10                              | 0  | 0.0%        | 0   |
| 51-4192                                    | Lay-Out Workers, Metal and Plastic   | 10                 | 10                              | 0  | 0.0%        | 0   |
| 51-4193                                    | Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic             | 10                 | 10                              | 0  | 0.0%        | 0   |
| 51-4194                                    | Tool Grinders, Filers, and Sharpeners  | 10                 | 10                              | 0  | 0.0%        | 0   |
| 51-4199                                    | Misc. Metal Workers and Plastic Workers  | 40                 | 50                              | 10   | 25.0%       | 0   |
| <b>51-5000</b>                             | <b>Printing Workers</b>  | <b>170</b>         | <b>180</b>                      | <b>10</b>                                      | <b>5.9%</b> | <b>5</b>  |
| 51-5011                                    | Bindery Workers  | 20                 | 20                              | 0  | 0.0%        | 0   |
| 51-5012                                    | Bookbinders  | 10                 | 10                              | 0  | 0.0%        | 0   |
| 51-5021                                    | Job Printers   | 10                 | 10                              | 0  | 0.0%        | 0   |
| 51-5022                                    | Prepress Technicians and Workers   | 40                 | 40                              | 0  | 0.0%        | 0   |
| 51-5023                                    | Printing Machine Operators   | 90                 | 100                             | 10   | 11.1%       | 5   |
| <b>51-6000</b>                             | <b>Textile, Apparel, and Furnishings Workers</b>   | <b>1,010</b>       | <b>1,030</b>                    | <b>20</b>                                      | <b>2.0%</b> | <b>20</b>   |
| 51-6011                                    | Laundry and Dry-Cleaning Workers   | 140                | 160                             | 20   | 14.3%       | 5   |
| 51-6021                                    | Pressers, Textile, Garment, and Related Materials  | 160                | 160                             | 0  | 0.0%        | 5   |

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| Code                                       | Occupation   |                    |                                 | Number   | Percent      |   |
| 51-6031                                    | Sewing Machine Operators   | 320                | 310                             | -10  | -3.1%        | 5   |
| 51-6041                                    | Shoe and Leather Workers and Repairers   | 10                 | 10                              | 0  | 0.0%         | 0   |
| 51-6051                                    | Sewers, Hand   | 30                 | 40                              | 10   | 33.3%        | 0   |
| 51-6052                                    | Tailors, Dressmakers, and Custom Sewers  | 40                 | 50                              | 10   | 25.0%        | 0   |
| 51-6061                                    | Textile Bleaching and Dyeing Machine Operators and Tenders                       | 10                 | 10                              | 0  | 0.0%         | 0   |
| 51-6062                                    | Textile Cutting Machine Setters, Operators, and Tenders                          | 60                 | 60                              | 0  | 0.0%         | 0   |
| 51-6063                                    | Textile Knitting and Weaving Machine Setters, Operators, and Tenders             | 60                 | 60                              | 0  | 0.0%         | 0   |
| 51-6091                                    | Extruding & Forming Machine Setters/ Operators/Tenders, Synthetic & Glass Fibers | 50                 | 60                              | 10   | 20.0%        | 0   |
| 51-6092                                    | Fabric and Apparel Patternmakers   | 10                 | 10                              | 0  | 0.0%         | 0   |
| 51-6093                                    | Upholsterers   | 110                | 110                             | 0  | 0.0%         | 5   |
| 51-6099                                    | Misc. Textile, Apparel, and Furnishings Workers                                  | 10                 | 10                              | 0  | 0.0%         | 0   |
| <b>51-7000</b>                             | <b>Woodworkers</b>   | <b>440</b>         | <b>460</b>                      | <b>20</b>                                      | <b>4.5%</b>  | <b>15</b>   |
| 51-7011                                    | Cabinetmakers and Bench Carpenters   | 50                 | 60                              | 10   | 20.0%        | 0   |
| 51-7021                                    | Furniture Finishers  | 50                 | 60                              | 10   | 20.0%        | 0   |
| 51-7031                                    | Model Makers, Wood   | 10                 | 10                              | 0  | 0.0%         | 0   |
| 51-7032                                    | Patternmakers, Wood  | 20                 | 20                              | 0  | 0.0%         | 0   |
| 51-7041                                    | Sawing Machine Setters, Operators, and Tenders, Wood                             | 150                | 150                             | 0  | 0.0%         | 5   |
| 51-7042                                    | Woodworking Machine Setters, Operators, and Tenders, Except Sawing               | 140                | 150                             | 10   | 7.1%         | 5   |
| 51-7099                                    | Misc. Woodworkers  | 20                 | 20                              | 0  | 0.0%         | 0   |
| <b>51-8000</b>                             | <b>Plant and System Operators</b>  | <b>140</b>         | <b>170</b>                      | <b>30</b>                                      | <b>21.4%</b> | <b>5</b>  |
| 51-8012                                    | Power Distributors and Dispatchers   | 10                 | 10                              | 0  | 0.0%         | 0   |
| 51-8013                                    | Power Plant Operators  | 10                 | 10                              | 0  | 0.0%         | 0   |
| 51-8021                                    | Stationary Engineers and Boiler Operators  | 20                 | 20                              | 0  | 0.0%         | 0   |
| 51-8031                                    | Water and Liquid Waste Treatment Plant and System Operators                      | 70                 | 90                              | 20   | 28.6%        | 5   |
| 51-8091                                    | Chemical Plant and System Operators  | 10                 | 10                              | 0  | 0.0%         | 0   |

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| Code                                       | Occupation  |                    |                                 | Number   | Percent      |   |
| 51-8092                                    | Gas Plant Operators   | 10                 | 10                              | 0  | 0.0%         | 0   |
| 51-8099                                    | Misc. Plant and System Operators  | 20                 | 20                              | 0  | 0.0%         | 0   |
| <b>51-9000</b>                             | <b>Other Production Occupations</b>   | <b>1,880</b>       | <b>2,130</b>                    | <b>250</b>                                     | <b>13.3%</b> | <b>70</b>   |
| 51-9011                                    | Chemical Equipment Operators and Tenders  | 110                | 120                             | 10   | 9.1%         | 5   |
| 51-9012                                    | Separating, Filtering, Clarifying, Precipitating, Still Machine Setters/Operators/Tenders | 90                 | 100                             | 10   | 11.1%        | 5   |
| 51-9021                                    | Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders                 | 10                 | 10                              | 0  | 0.0%         | 0   |
| 51-9022                                    | Grinding and Polishing Workers, Hand  | 20                 | 20                              | 0  | 0.0%         | 0   |
| 51-9023                                    | Mixing and Blending Machine Setters, Operators, and Tenders                               | 80                 | 80                              | 0  | 0.0%         | 5   |
| 51-9031                                    | Cutters and Trimmers, Hand  | 20                 | 20                              | 0  | 0.0%         | 0   |
| 51-9032                                    | Cutting and Slicing Machine Setters, Operators, and Tenders                               | 90                 | 120                             | 30   | 33.3%        | 5   |
| 51-9041                                    | Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders      | 30                 | 30                              | 0  | 0.0%         | 0   |
| 51-9051                                    | Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders                              | 20                 | 20                              | 0  | 0.0%         | 0   |
| 51-9061                                    | Inspectors, Testers, Sorters, Samplers, and Weighers                                      | 320                | 370                             | 50   | 15.6%        | 10  |
| 51-9071                                    | Jewelers and Precious Stone and Metal Workers   | 20                 | 20                              | 0  | 0.0%         | 0   |
| 51-9081                                    | Dental Laboratory Technicians   | 10                 | 10                              | 0  | 0.0%         | 0   |
| 51-9111                                    | Packaging and Filling Machine Operators and Tenders                                       | 90                 | 110                             | 20   | 22.2%        | 5   |
| 51-9121                                    | Coating, Painting, and Spraying Machine Setters, Operators, and Tenders                   | 100                | 120                             | 20   | 20.0%        | 5   |
| 51-9122                                    | Painters, Transportation Equipment  | 20                 | 30                              | 10   | 50.0%        | 0   |
| 51-9123                                    | Painting, Coating, and Decorating Workers   | 10                 | 10                              | 0  | 0.0%         | 0   |
| 51-9131                                    | Photographic Process Workers  | 20                 | 20                              | 0  | 0.0%         | 0   |
| 51-9132                                    | Photographic Processing Machine Operators   | 20                 | 20                              | 0  | 0.0%         | 0   |
| 51-9191                                    | Cementing and Gluing Machine Operators and Tenders  | 30                 | 30                              | 0  | 0.0%         | 0   |
| 51-9192                                    | Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders                     | 20                 | 20                              | 0  | 0.0%         | 0   |
| 51-9193                                    | Cooling and Freezing Equipment Operators and Tenders                                      | 30                 | 30                              | 0  | 0.0%         | 0   |
| 51-9194                                    | Etchers and Engravers   | 10                 | 10                              | 0  | 0.0%         | 0   |

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| Code                                       | Occupation  |                    |                                 | Number   | Percent |   |
| 51-9195                                    | Molders, Shapers, and Casters, Except Metal and Plastic | 40                 | 40                              | 0  | 0.0%    | 0   |
| 51-9196                                    | Paper Goods Machine Setters, Operators, and Tenders     | 210                | 240                             | 30   | 14.3%   | 5   |
| 51-9198                                    | Helpers--Production Workers                             | 270                | 310                             | 40   | 14.8%   | 10  |
| 51-9199                                    | Misc. Production Workers                                | 210                | 230                             | 20   | 9.5%    | 5   |